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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

COLICO ET AL.

Atty. Ref.: 3687-169; Confirmation No. 9815

Appl. No. 10/579,922

TC/A.U. 1725

Filed: May 19, 2006

Examiner: Unknown

For: A METHOD AND APPARATUS FOR TRANSFERRING IMAGES TO A WOODEN  
SUPPORT WITH A LASER BEAM

\* \* \* \* \*

February 11, 2008

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**SUBMISSION OF ENGLISH TRANSLATION OF THE INTERNATIONAL  
PRELIMINARY REPORT ON PATENTABILITY**

Attached is a copy of the English translation of the International Preliminary Report on Patentability mailed January 17, 2008 and issued in the underlying International patent application.


Please consider this information when examining the above-identified U.S. National stage application.

COLICO ET AL.  
Appl. No. 10/579,922  
February 11, 2008

Respectfully submitted,

**NIXON & VANDERHYE P.C.**

By: \_\_\_\_\_

  
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From the INTERNATIONAL BUREAU

**PCT**

NOTIFICATION CONCERNING  
TRANSMITTAL OF COPY OF INTERNATIONAL  
PRELIMINARY REPORT ON PATENTABILITY  
(CHAPTER I OF THE PATENT COOPERATION  
TREATY)

(PCT Rule 44bis.1(c))

To:

MARIETTI, Andrea  
c/o Marietti, Gislone e Trupiano S.r.l.  
Via Larga, 16  
I-20122 Milan  
ITALIE

Date of mailing (day/month/year)

17 January 2008 (17.01.2008)

Applicant's or agent's file reference

06091K18

**IMPORTANT NOTICE**

International application No.

PCT/IB2006/000338

International filing date (day/month/year)

20 February 2006 (20.02.2006)

Priority date (day/month/year)

27 June 2005 (27.06.2005)

Applicant

COLICO, Ettore et al

The International Bureau transmits herewith a copy of the international preliminary report on patentability (Chapter I of the Patent Cooperation Treaty)

The International Bureau of WIPO  
34, chemin des Colombettes  
1211 Geneva 20, Switzerland

Authorized officer

Cecile Chatel

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## PATENT COOPERATION TREATY

## PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY  
(Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

Applicant's or agent's file reference 06091K18	<b>FOR FURTHER ACTION</b> See item 4 below	
International application No. PCT/IB2006/000338	International filing date ( <i>day/month/year</i> ) 20 February 2006 (20.02.2006)	Priority date ( <i>day/month/year</i> ) 27 June 2005 (27.06.2005)
International Patent Classification (8th edition unless older edition indicated) See relevant information in Form PCT/ISA/237		
Applicant COLICO, Ettore		

1. This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44 *bis*.1(a).
2. This REPORT consists of a total of 7 sheets, including this cover sheet.  
  
In the attached sheets, any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead.

3. This report contains indications relating to the following items:

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Box No. I | Basis of the report   |
| <input type="checkbox"/> Box No. II           | Priority  |
| <input type="checkbox"/> Box No. III          | Non-establishment of opinion with regard to novelty, inventive step and industrial applicability  |
| <input type="checkbox"/> Box No. IV           | Lack of unity of invention  |
| <input checked="" type="checkbox"/> Box No. V | Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability: citations and explanations supporting such statement |
| <input type="checkbox"/> Box No. VI           | Certain documents cited   |
| <input type="checkbox"/> Box No. VII          | Certain defects in the international application  |
| <input type="checkbox"/> Box No. VIII         | Certain observations on the international application   |

4. The International Bureau will communicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but not, except where the applicant makes an express request under Article 23(2), before the expiration of 30 months from the priority date (Rule 44bis .2).

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland  Facsimile No. +41 22 338 82 70	Date of issuance of this report 09 January 2008 (09.01.2008)
	Authorized officer  Cecile Chatel  e-mail: pt13.pct@wipo.int

# PATENT COOPERATION TREATY

From the  
INTERNATIONAL SEARCHING AUTHORITY

## PCT

To:

see form PCT/ISA/220

REC'D 23 JUN 2006

WIPO

**WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY**  
(PCT Rule 43bis.1)

Date of mailing  
(day/month/year) see form PCT/ISA/210 (second sheet)

Applicant's or agent's file reference  
see form PCT/ISA/220

**FOR FURTHER ACTION**  
See paragraph 2 below

International application No.  
PCT/B2006/000338

International filing date (day/month/year)  
20.02.2006

Priority date (day/month/year)  
27.06.2005

International Patent Classification (IPC) or both national classification and IPC  
INV. B41M5/24

Applicant  
COLICO, Ettore

1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☐ Box No. II Priority
- ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

2. **FURTHER ACTION**

If a demand for international preliminary examination is made, this opinion will usually be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA:



European Patent Office - P.B. 5818 Patentlaan 2  
NL-2280 HV Rijswijk - Pays Bas  
Tel. +31 70 340 - 2040 Tx: 31 651 epo nl  
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Date of completion of  
this opinion

see form  
PCT/ISA/210

Authorized Officer

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WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY

International application No.  
PCT/IB2006/000338

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**Box No. I Basis of the opinion**

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1. With regard to the **language**, this opinion has been established on the basis of:
  - ☐ the international application in the language in which it was filed
  - ☒ a translation of the international application into english , which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1 (b)).
2. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
  - a. type of material:
    - ☐ a sequence listing
    - ☐ table(s) related to the sequence listing
  - b. format of material:
    - ☐ on paper
    - ☐ in electronic form
  - c. time of filing/furnishing:
    - ☐ contained in the international application as filed.
    - ☐ filed together with the international application in electronic form.
    - ☐ furnished subsequently to this Authority for the purposes of search.
3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additional comments:

**WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY**

International application No.  
PCT/IB2006/000338

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**Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

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**1. Statement**

Novelty (N)	Yes: Claims	1-22
	No: Claims	
Inventive step (IS)	Yes: Claims	
	No: Claims	1-22
Industrial applicability (IA)	Yes: Claims	1-22
	No: Claims	

**2. Citations and explanations**

**see separate sheet**

adjustment unit adjusts the emission of said laser beam by directly varying the pumping of the active material and/or by varying the operation of a modulator located within the resonant cavity of said source of a laser beam.

The problem to be solved by the present invention may therefore be regarded as the need to provide an alternative to the apparatus of the prior art, which has not the drawbacks ensuing from the use of a modulator external to the laser source for adjusting the emission of said laser beam.

The solution proposed in claim 1 of the present application cannot be considered as involving an inventive step (Article 33(3) PCT) for the following reasons:

It is known from D2 [see column 1, line 24 to column 2, line 39] that the emission of a laser beam is adjustable without using an external modulator either by varying the operation of a modulator located within the resonant cavity of said source of a laser beam, or by directly varying the pumping of the active material. The subject-matter of claim 1 consists thus merely in the use of a well-known equivalent without producing any unexpected advantage.

- 2.2 The same reasoning applies, *mutatis mutandis*, to the subject-matter of independent method claim 12, which therefore is also considered not inventive.

### 3 DEPENDENT CLAIMS 2-11 and 13-22

Dependent claims 2-11 and 13-22 do not contain any features which, in combination with the features of any claim to which they refer, meet the requirements of the PCT in respect of inventive step, the reasons being as follows:

The subject-matter of claims 3, 7-9, 12-13, and 22 is known from D1; the subject-matter of claims 2, 4-6, 14-17 consists merely in the juxtaposition of known processes [see D3, passages cited in the International Search Report] which function in their normal way and do not produce any non-obvious working inter-relationship; the subject-matter of claims 10-11 would be seen as an obvious equivalent to the embodiment according to present claim 1 [see D4, passages cited in the International



**WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING  
AUTHORITY (SEPARATE SHEET)**

International application No.

PCT/IB2006/000338

Search Report]; and the subject-matter of claims 18-21 would be seen as a mere arbitrary choice.

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